### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THE COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

In re the application of: For: Filed: Application No.:	Roger P. Buttefield IMPROVED SILENT CHAIN August 28, 2003
Art Unit: Attorney Docket No.:	BW-DKT02177
	INFORMATION DISCLOSURE STATEMENT
List of S	ections Forming Part of This Information Disclosure Statement
The following sections are be	eing submitted for this information Disclosure Statement
1. [X] Preliminary Statemen	uts
2. [X] FORM PTO - 1449	(Modified)
3. Statement As To Info	ormation Material To Examination Not Found in Patents or Publications
4. Identification of Prior Are Submitted Or No.	Application In Which Listed Information Was Already Cited and For Which No Copies and Be Submitted.
5. Cumulative patents of	Publications
6. [] Copies of Listed Infor	mation Items Accompanying This Statement
7. Concise Explanation	of Non-English Language Listed Information Items.
8. Translation(s) of Non	-English Language Documents
9. Certification under M	PEP 609(e)
10. [X] Identification of Pers	son(s) Making This Information Disclosure Statement
	CERTIFICATE OF MAILING
I hereby certify that this	EV089883738  Date: 8-28-03  correspondence is being deposited with the United States Postal Service, return receipt at to: Commissioner of Patents, Alexandria, VA 22313-1450 on this date.

#### Section 1. Preliminary statements

Applicant submits herewith patents, publications or other information of which he is aware, which he believes may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.56(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

### Section 2. Form PTO - 1449 (Modified) (SEE ATTACHMENT)

- \*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance or not considered. Include a copy of this form with the next communication to applicant.
- Section 3. Statement As To Information Material For Examination Not Found in Patents or Publications (Information not listed in PTO 1449)
- Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and For Which No Copies Are Submitted Or Need Be Submitted

Section 5. Cumulative Patents or Publications	
Item(s) are cumulative of the following patents or public	ation listed on Form PTO 1449 (modified):
In accordance with 37 CFR 1.98(c) a copy of is l	being submitted with this information disclosure statement.
Section 6. Copies of Listed Information Items Accor	mpanying This Statement
Legible copies of all items listed accompany this information	ation statement.
Exception(s) to above:	
<ul><li>Items in prior application from which an earling identified in Section 4.</li><li>Cumulative patents or publications identified</li></ul>	.,
Section 7. Concise Explanation of Non-English Lan	guage Listed Information Items
Section 8. Translation(s) of Non-English Language	Documents
☐ Submitted herewith is an English translation publications or information or of those portions considered to be material: ☐ No English language translations of the fore parts thereof are readily available, except for the ☐ The following foreign language documents so	of those patents, publications or information ign language patents, publications or information or ose listed above.

substantial equivalent of the English language documents identified below, which are also submitted herewith.

Section 9. Certification under Rule 1.97	
The undersigned hereby certifies that:	
a. This Statement is being filed after the latest of (1) three months after the application; (2) three months after the date of entry of the national international application; (3) the mailing date of a first Office action	stage as set forth in w 1.491 in an
b. The fee set forth in §1.17(p)	
☐ Is being paid with this Information Disclosure Statement	
☐ Is not due because: ☐ (1) Each item of information contained in the information of communication from a foreign patent office in a counterpart for three months prior to the filing of the statement, or ☐ (2) No item of information contained in the information discommunication from a foreign patent office in a counterpart for knowledge of the person signing the certification after making to any individual designated in 37 CFR 1.56(c) more than three statement.  Section 10. IDENTIFICATION OF PERSON(S) MAKING THIS	sclosure statement was cited in a preign application or, to the greasonable inquiry, was known
INFORMATION DISCLOSURE STATEMENT	
The person making this statement is	
(a) the inventor(s) who signs below	
(b) [X] the attorney who signs below on the basis of:  the information supplied by the inventor(s)  an individual associated with the filing and prosecution of this appl  [X] the information in the attorney's file	ication (37 CFR 1.56(c)).
	28-03
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# Section 2. Form PTO - 1449 (Modified) (ATTACHMENT)

FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. BW-DKT02177	SERIAL NO.
(Modified) PATENT AND TRADEMARK OFFICE	APPLICANT Roger P. Butterfield	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 08/28/2003	GROUP

## U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR
		08/07/84	Avramidis, S.	59	84	
				474	212	
				474	213	
				474	213	
<u> </u>				474	213	
	AA AB AC AD AE	NUMBER  AA 4,463,550  AB 5,690,571  AC 5,800,301  AD 6,450,911	NUMBER  AA 4,463,550 08/07/84  AB 5,690,571 11/25/97  AC 5,800,301 09/01/98  AD 6,450,911 09/17/2002	NUMBER  AA 4,463,550 08/07/84 Avramidis, S.  AB 5,690,571 11/25/97 Mott, Philip J.  AC 5,800,301 09/01/98 Anderson, David  AD 6,450,911 09/17/2002 Saitou, T.	AA 4,463,550 08/07/84 Avramidis, S. 59 AB 5,690,571 11/25/97 Mott, Philip J. 474 AC 5,800,301 09/01/98 Anderson, David 474 AD 6,450,911 09/17/2002 Saitou, T. 474 AD 6,450,911 N20/2002 Shimaya K 474	DOCUMENT NUMBER       DATE       PATENTEE         AA       4,463,550       08/07/84       Avramidis, S.       59       84         AB       5,690,571       11/25/97       Mott, Philip J.       474       212         AC       5,800,301       09/01/98       Anderson, David       474       213         AD       6,450,911       09/17/2002       Saitou, T.       474       213         AD       6,450,911       09/17/2002       Shimora K       474       213

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES   NO

### OTHER PRIOR ART

Exam	Author, Title, Date, Pertinent Pages, Etc	
Initial		
EXAMINE	R	DATE CONSIDERED